Bondar-Clegg, Inc.
12980 West Cedar Dr.
Lakewood, Colorado 80228
(303) 989-1404

BC
BONDAR-CLEGG

Geochemical Lab Report

REPORT: 098-0846

PROJECT: GILT EDGE

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
D2 R88-417-1245-1250		0.015
D2 R88-417-1250-1255		0.020
D2 R88-417-1255-1260		0.017
D2 R88-417-1260-1265		0.010
D2 R88-417-1265-1270		0.024
D2 R88-417-1270-1275		0.008
D2 R88-417-1275-1280		0.007
D2 R88-417-1280-1285		0.088
D2 R88-417-1285-1290		0.090
D2 R88-417-1290-1295		0.089
D2 R88-417-1295-1300		0.044
D2 R88-417-1300-1305		0.250
D2 R88-417-1305-1310		0.173
D2 R88-417-1310-1315		0.162
D2 R88-417-1315-1320		0.177
D2 R88-417-1320-1325		0.066
D2 R88-417-1325-1330		0.094
D2 R88-417-1330-1335		0.036
D2 R88-417-1335-1340		0.065
D2 R88-417-1340-1345		0.103
D2 R88-417-1345-1350		0.108

70' = .110 @

Bondar-Clegg, Inc.
12980 West Cedar Dr.
Lakewood, Colorado
U.S.A. 80228
Phone: (303) 989-1404
Telex: 45-693

BONDAR-CLEGG

Invoice : 12854, Page 1

BROHM MINING CORP.
MR. JIM BARRON
P.O. BOX 485
DEADWOOD, SD
57732

Date : 26-SEP-88

Report No: 098-0846
Project : GILT EDGE
Reference: NONE LISTED

21 Analyses of Gold	at $ 6.50	$ 136.50	
Subtotal		$ 136.50	$ 136.50
Sample Preparation			
21 Samples of Assay Prep	at $ 3.00	$ 63.00	
275 Samples of Excessive Wetness	at $ 0.15	$ 41.25	
1 Sample of Sample Pickup	at $12.00	$ 12.00	
Subtotal		$ 116.25	$ 116.25
Miscellaneous Charges			
4% S.D. STATE SALES TAX		$ 3.81	
2% DEADWOOD CITY SALES TAX		$ 1.91	
Subtotal		$ 5.72	$ 5.72
Invoice Total:			$ 258.47 U.S.

RBE-417 (1245-1350)

THIS IS A PROFESSIONAL SERVICE
ACCOUNTS DUE WHEN RENDERED

```
"TITLE 20-09-88 10:09:42 098-0802   J. BARRON              16/08/88"
"CLIENT BROHM MINING CORP.                                   "
"PROJECT GILT EDGE        #SAMPLES:   69 REFERENCE: NONE LISTED                    "
"SPECIAL VALUES"
"  IS Insufficient Sample"
"  -9 No Value Recorded"
" Values above the upper limit are shown as  +uplimt"
" Values below the lower limit are shown as  -lolmt   (ie not detected)"
"DETERMINATIONS"
"     ELNAME METHO ECO UNI #SAM LOLMT UPLIMT COMMENTS"
"  01 Au     FA         OPT   69 0.002 99.999 Results Reported     "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=D       DRILL CORE          "
"  41 P17=  69            Assay Prep          "
"  42 P23=   1            Sample Pickup       "
"REMARKS"
"  50 FINAL RESULTS ARE REPORTED.                          "
"*****"
"FORMAT (A8,1X,A1,A1,1X,A20,1(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "    Au"
"08020001" "D" "2" "R88-417-0-5          "    0.022 —    0-10
"08020002" "D" "2" "R88-417-5-10         "    0.024 —    10'@.023
"08020003" "D" "2" "R88-417-10-15        "    0.018
"08020006" "D" "2" "R88-417-15-20        "    0.012
"08020007" "D" "2" "R88-417-20-25        "    0.016
"08020008" "D" "2" "R88-417-25-30        "    0.018
"08020009" "D" "2" "R88-417-30-35        "    0.016
"08020010" "D" "2" "R88-417-35-40        "    0.023 —    35-45
"08020011" "D" "2" "R88-417-40-45        "    0.024 —    10'@.024
"08020012" "D" "2" "R88-417-45-50        "    0.006
"08020013" "D" "2" "R88-417-50-55        "    0.006
"08020014" "D" "2" "R88-417-55-60        "    0.015
"08020015" "D" "2" "R88-417-60-65        "    0.006
"08020016" "D" "2" "R88-417-65-70        "    0.017
"08020017" "D" "2" "R88-417-70-75        "    0.004
"08020018" "D" "2" "R88-417-75-80        "    0.003
"08020019" "D" "2" "R88-417-80-85        "    0.002
"08020020" "D" "2" "R88-417-85-90        "    0.010
"08020021" "D" "2" "R88-417-90-95        "    0.010
"08020022" "D" "2" "R88-417-90-100       "    0.005
"08020023" "D" "2" "R88-417-100-105      "    0.006
"08020024" "D" "2" "R88-417-105-110      "    0.008
"08020025" "D" "2" "R88-417-110-115      "    0.004
"08020026" "D" "2" "R88-417-115-120      "   -0.002
"08020027" "D" "2" "R88-417-120-125      "    0.003
"08020028" "D" "2" "R88-417-125-130      "    0.003
"08020031" "D" "2" "R88-417-130-135      "    0.003
"08020032" "D" "2" "R88-417-135-140      "    0.003
"08020033" "D" "2" "R88-417-140-145      "    0.004
"08020034" "D" "2" "R88-417-145-150      "   -0.002
"08020035" "D" "2" "R88-417-150-155      "    0.013
"08020036" "D" "2" "R88-417-155-160      "    0.004
"08020037" "D" "2" "R88-417-160-165      "    0.003
"08020038" "D" "2" "R88-417-165-170      "    0.003
"08020039" "D" "2" "R88-417-170-175      "    0.007
"08020040" "D" "2" "R88-417-175-180      "   -0.002
"08020041" "D" "2" "R88-417-180-185      "    0.005
"08020042" "D" "2" "R88-417-185-190      "    0.014
"08020043" "D" "2" "R88-417-190-195      "    0.005
"08020044" "D" "2" "R88-417-195-200      "    0.004
"08020045" "D" "2" "R88-417-200-205      "    0.003
"08020046" "D" "2" "R88-417-205-210      "    0.004
"08020047" "D" "2" "R88-417-210-215      "    0.003
"08020048" "D" "2" "R88-417-215-220      "    0.005
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"08020049"	"D"	"2"	"R88-417-220-225	"	-0.002
"08020050"	"D"	"2"	"R88-417-225-230	"	-0.002
"08020051"	"D"	"2"	"R88-417-230-235	"	0.004
"08020052"	"D"	"2"	"R88-417-235-240	"	0.007
"08020053"	"D"	"2"	"R88-417-240-245	"	0.015
"08020056"	"D"	"2"	"R88-417-245-250	"	0.005
"08020057"	"D"	"2"	"R88-417-250-255	"	0.004
"08020058"	"D"	"2"	"R88-417-255-260	"	-0.002
"08020059"	"D"	"2"	"R88-417-260-265	"	0.005
"08020060"	"D"	"2"	"R88-417-265-270	"	0.004
"08020061"	"D"	"2"	"R88-417-270-275	"	0.006
"08020062"	"D"	"2"	"R88-417-275-280	"	0.014
"08020063"	"D"	"2"	"R88-417-280-285	"	0.004
"08020064"	"D"	"2"	"R88-417-285-290	"	0.004
"08020065"	"D"	"2"	"R88-417-290-295	"	0.003
"08020066"	"D"	"2"	"R88-417-295-300	"	0.003
"08020067"	"D"	"2"	"R88-417-300-305	"	0.003
"08020068"	"D"	"2"	"R88-417-305-310	"	-0.002
"08020069"	"D"	"2"	"R88-417-310-315	"	-0.002
"08020070"	"D"	"2"	"R88-417-315-320	"	0.006
"08020071"	"D"	"2"	"R88-417-320-325	"	0.005
"08020072"	"D"	"2"	"R88-417-325-330	"	0.006
"08020073"	"D"	"2"	"R88-417-330-335	"	0.007
"08020074"	"D"	"2"	"R88-417-335-340	"	0.008
"08020075"	"D"	"2"	"R88-417-340-345	"	0.005

"END"

"TITLE 16-09-88 10:27:58 098-0806 J. BARRON 22/08/88"
"CLIENT BROHM MINING CORP. "
"PROJECT GILT EDGE #SAMPLES: 60 REFERENCE: NONE LISTED "
"SPECIAL VALUES"
" IS Insufficient Sample"
" -9 No Value Recorded"
" Values above the upper limit are shown as +uplimt"
" Values below the lower limit are shown as -lolmt (ie not detected)"
"DETERMINATIONS"
" ELNAME METHO ECO UNI #SAM LOLMT UPLIMT COMMENTS"
" 01 Au FA OPT 60 0.002 99.999 Results Reported "
"SAMPLE PREPS"
" 40 SAMPLE TYPE=D DRILL CORE "
" 41 P17= 60 Assay Prep "
" 42 P64=1267 Excessive Wetness "
" 43 P23= 1 Sample Pickup "
"REMARKS"
" 50 FINAL RESULTS ARE REPORTED. "
"*****"
"FORMAT (A8,1X,A1,A1,1X,A20,1(1X,A7,A1))"

"BEGIN "	"Type"	"Frac"	"Sample ID"	"	Au"	
"08060001"	"D"	"2"	"R88-417-345-350	"	0.006	
"08060002"	"D"	"2"	"R88-417-350-355	"	0.005	
"08060003"	"D"	"2"	"R88-417-355-360	"	0.003	
"08060004"	"D"	"2"	"R88-417-360-365	"	0.004	
"08060005"	"D"	"2"	"R88-417-365-370	"	0.006	
"08060006"	"D"	"2"	"R88-417-370-375	"	0.012	
"08060007"	"D"	"2"	"R88-417-375-380	"	0.009	
"08060010"	"D"	"2"	"R88-417-380-385	"	0.019	
"08060011"	"D"	"2"	"R88-417-385-390	"	0.009	
"08060012"	"D"	"2"	"R88-417-390-395	"	0.012	
"08060013"	"D"	"2"	"R88-417-395-400	"	0.032	395-415
"08060014"	"D"	"2"	"R88-417-400-405	"	0.016	
"08060015"	"D"	"2"	"R88-417-405-410	"	0.033	20'@ .027
"08060016"	"D"	"2"	"R88-417-410-415	"	0.028	
"08060017"	"D"	"2"	"R88-417-415-420	"	0.015	
"08060018"	"D"	"2"	"R88-417-420-425	"	0.007	
"08060019"	"D"	"2"	"R88-417-425-430	"	0.008	
"08060020"	"D"	"2"	"R88-417-430-435	"	0.029	430-455
"08060021"	"D"	"2"	"R88-417-435-440	"	0.060	
"08060022"	"D"	"2"	"R88-417-440-445	"	0.050	
"08060023"	"D"	"2"	"R88-417-445-450	"	0.024	25'@ .041
"08060024"	"D"	"2"	"R88-417-450-455	"	0.042	
"08060025"	"D"	"2"	"R88-417-455-460	"	0.016	
"08060026"	"D"	"2"	"R88-417-460-465	"	0.006	
"08060027"	"D"	"2"	"R88-417-465-470	"	0.006	
"08060028"	"D"	"2"	"R88-417-470-475	"	0.003	
"08060029"	"D"	"2"	"R88-417-475-480	"	-0.002	
"08060030"	"D"	"2"	"R88-417-480-485	"	-0.002	
"08060031"	"D"	"2"	"R88-417-485-490	"	0.006	
"08060032"	"D"	"2"	"R88-417-490-495	"	-0.002	
"08060035"	"D"	"2"	"R88-417-495-500	"	0.007	
"08060036"	"D"	"2"	"R88-417-500-505	"	-0.002	
"08060037"	"D"	"2"	"R88-417-505-510	"	0.003	
"08060038"	"D"	"2"	"R88-417-510-515	"	-0.002	
"08060039"	"D"	"2"	"R88-417-515-520	"	0.006	
"08060040"	"D"	"2"	"R88-417-520-525	"	-0.002	
"08060041"	"D"	"2"	"R88-417-525-530	"	-0.002	
"08060042"	"D"	"2"	"R88-417-530-535	"	-0.002	
"08060043"	"D"	"2"	"R88-417-535-540	"	-0.002	
"08060044"	"D"	"2"	"R88-417-540-545	"	0.005	
"08060045"	"D"	"2"	"R88-417-545-550	"	0.003	
"08060046"	"D"	"2"	"R88-417-550-555	"	0.004	
"08060047"	"D"	"2"	"R88-417-555-560	"	0.013	

"08060048"	"D"	"2"	"R88-417-560-565	"	0.018
"08060049"	"D"	"2"	"R88-417-565-570	"	0.019
"08060050"	"D"	"2"	"R88-417-570-575	"	0.018
"08060051"	"D"	"2"	"R88-417-575-580	"	0.028
"08060052"	"D"	"2"	"R88-417-580-585	"	0.013
"08060053"	"D"	"2"	"R88-417-585-590	"	0.011
"08060054"	"D"	"2"	"R88-417-590-595	"	0.006
"08060055"	"D"	"2"	"R88-417-595-600	"	0.016
"08060056"	"D"	"2"	"R88-417-600-605	"	0.013
"08060057"	"D"	"2"	"R88-417-605-610	"	0.008
"08060060"	"D"	"2"	"R88-417-610-615	"	0.031
"08060061"	"D"	"2"	"R88-417-615-620	"	0.018
"08060062"	"D"	"2"	"R88-417-620-625	"	0.018
"08060063"	"D"	"2"	"R88-417-625-630	"	0.016
"08060064"	"D"	"2"	"R88-417-630-635	"	0.068
"08060065"	"D"	"2"	"R88-417-635-640	"	0.020
"08060066"	"D"	"2"	"R88-417-640-645	"	0.013

"END"

(.10) LAO

30'@ .0

~~.044~~

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"TITLE 16-09-88 10:34:05 098-0820   J. BARRON              16/08/88"
"CLIENT BROHM MINING CORP.                                  "
"PROJECT GILT EDGE        #SAMPLES:   60 REFERENCE: NONE LISTED                    "
"SPECIAL VALUES"
"  IS Insufficient Sample"
"  -9 No Value Recorded"
" Values above the upper limit are shown as  +uplimt"
" Values below the lower limit are shown as  -lolmt   (ie not detected)"
"DETERMINATIONS"
"     ELNAME METHO ECO UNI #SAM LOLMT UPLIMT COMMENTS"
"  01 Au     FA        OPT   60 0.002 99.999 Results Reported     "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=D      DRILL CORE          "
"  41 P17=  60           Assay Prep          "
"  42 P64=1134           Excessive Wetness   "
"  43 P23=   1           Sample Pickup       "
"REMARKS"
"  50 FINAL RESULTS ARE REPORTED.                          "
"*****"
"FORMAT (A8,1X,A1,A1,1X,A20,1(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "    Au"
"08200001" "D" "2" "R88-417-645-650      "    0.007
"08200004" "D" "2" "R88-417-650-655      "    0.005
"08200005" "D" "2" "R88-417-655-660      "    0.007
"08200006" "D" "2" "R88-417-660-665      "    0.008
"08200007" "D" "2" "R88-417-665-670      "    0.005
"08200008" "D" "2" "R88-417-670-675      "    0.005
"08200009" "D" "2" "R88-417-675-680      "    0.003
"08200010" "D" "2" "R88-417-680-685      "   -0.002
"08200011" "D" "2" "R88-417-685-690      "    0.007
"08200012" "D" "2" "R88-417-690-695      "    0.018
"08200013" "D" "2" "R88-417-695-700      "    0.008
"08200014" "D" "2" "R88-417-700-705      "    0.006
"08200015" "D" "2" "R88-417-705-710      "    0.025
"08200016" "D" "2" "R88-417-710-715      "    0.004
"08200017" "D" "2" "R88-417-715-720      "    0.006
"08200018" "D" "2" "R88-417-720-725      "    0.077
"08200019" "D" "2" "R88-417-725-730      "    0.004
"08200020" "D" "2" "R88-417-730-735      "    0.010
"08200021" "D" "2" "R88-417-735-740      "    0.029
"08200022" "D" "2" "R88-417-740-745      "    0.004
"08200023" "D" "2" "R88-417-745-750      "    0.028
"08200024" "D" "2" "R88-417-750-755      "    0.013
"08200025" "D" "2" "R88-417-755-760      "    0.007
"08200026" "D" "2" "R88-417-760-765      "    0.005
"08200029" "D" "2" "R88-417-765-770      "    0.029
"08200030" "D" "2" "R88-417-770-775      "    0.042
"08200031" "D" "2" "R88-417-775-780      "    0.019
"08200032" "D" "2" "R88-417-780-785      "    0.013
"08200033" "D" "2" "R88-417-785-790      "    0.004
"08200034" "D" "2" "R88-417-790-795      "   -0.002
"08200035" "D" "2" "R88-417-795-800      "    0.004
"08200036" "D" "2" "R88-417-800-805      "    0.005
"08200037" "D" "2" "R88-417-805-810      "    0.005
"08200038" "D" "2" "R88-417-810-815      "    0.006
"08200039" "D" "2" "R88-417-815-820      "    0.023
"08200040" "D" "2" "R88-417-820-825      "    0.015
"08200041" "D" "2" "R88-417-825-830      "    0.017
"08200042" "D" "2" "R88-417-830-835      "    0.030
"08200043" "D" "2" "R88-417-835-840      "    0.019
"08200044" "D" "2" "R88-417-840-845      "    0.022
"08200045" "D" "2" "R88-417-845-850      "    0.006
"08200046" "D" "2" "R88-417-850-855      "    0.007
"08200047" "D" "2" "R88-417-855-860      "    0.005
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705-750
45' @ .021

765-775
10' @ .036

815-845
30' @ .021

"08200048"	"D"	"2"	"R88-417-860-865	"	0.005
"08200049"	"D"	"2"	"R88-417-865-870	"	0.023
"08200050"	"D"	"2"	"R88-417-870-875	"	0.028
"08200051"	"D"	"2"	"R88-417-875-880	"	0.009
"08200054"	"D"	"2"	"R88-417-880-885	"	0.015
"08200055"	"D"	"2"	"R88-417-885-890	"	0.045
"08200056"	"D"	"2"	"R88-417-890-895	"	0.009
"08200057"	"D"	"2"	"R88-417-895-900	"	0.008
"08200058"	"D"	"2"	"R88-417-900-905	"	0.008
"08200059"	"D"	"2"	"R88-417-905-910	"	0.020
"08200060"	"D"	"2"	"R88-417-910-915	"	0.019
"08200061"	"D"	"2"	"R88-417-915-920	"	0.005
"08200062"	"D"	"2"	"R88-417-920-925	"	0.024
"08200063"	"D"	"2"	"R88-417-925-930	"	0.011
"08200064"	"D"	"2"	"R88-417-930-935	"	0.017
"08200065"	"D"	"2"	"R88-417-935-940	"	0.022
"08200066"	"D"	"2"	"R88-417-940-945	"	0.008

"END"

865-890

25' @ .024

```
"TITLE 16-09-88 12:03:50 098-0845   J. BARRON              24/08/88"
"CLIENT BRUHM MINING CORP.                                          "
"PROJECT GILT EDGE        #SAMPLES:   60 REFERENCE: NONE LISTED                    "
"SPECIAL VALUES"
"  IS Insufficient Sample"
"  -9 No Value Recorded"
" Values above the upper limit are shown as  +uplimt"
" Values below the lower limit are shown as  -lolmt   (ie not detected)"
"DETERMINATIONS"
"     ELNAME METHO ECO UNI #SAM LOLMT UPLIMT COMMENTS"
"  01 Au     FA         OPT   60 0.002 99.999 Results Reported     "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=D       DRILL CORE          "
"  41 P17=  60            Assay Prep          "
"  42 P64=1049            Excessive Wetness   "
"  43 P23=   1            Sample Pickup       "
"REMARKS"
"  50 FINAL RESULTS ARE REPORTED.                          "
"*****"
"FORMAT (A8,1X,A1,A1,1X,A20,1(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "    Au"
"08450001" "D" "2" "R88-417-945-950      "    0.026
"08450002" "D" "2" "R88-417-950-955      "    0.003
"08450003" "D" "2" "R88-417-955-960      "    0.007
"08450004" "D" "2" "R88-417-960-965      "    0.020
"08450005" "D" "2" "R88-417-965-970      "   -0.002
"08450006" "D" "2" "R88-417-970-975      "    0.028
"08450009" "D" "2" "R88-417-975-980      "    0.049
"08450010" "D" "2" "R88-417-980-985      "    0.012
"08450011" "D" "2" "R88-417-985-990      "    0.012
"08450012" "D" "2" "R88-417-990-995      "    0.015
"08450013" "D" "2" "R88-417-995-1000     "    0.007
"08450014" "D" "2" "R88-417-1000-1005    "    0.007
"08450015" "D" "2" "R88-417-1005-1010    "    0.033
"08450016" "D" "2" "R88-417-1010-1015    "    0.026
"08450017" "D" "2" "R88-417-1015-1020    "    0.012
"08450018" "D" "2" "R88-417-1020-1025    "    0.017
"08450019" "D" "2" "R88-417-1025-1030    "    0.006
"08450020" "D" "2" "R88-417-1030-1035    "    0.006
"08450021" "D" "2" "R88-417-1035-1040    "    0.007
"08450022" "D" "2" "R88-417-1040-1045    "   -0.002
"08450023" "D" "2" "R88-417-1045-1050    "   -0.002
"08450024" "D" "2" "R88-417-1050-1055    "   -0.002
"08450025" "D" "2" "R88-417-1055-1060    "    0.006
"08450026" "D" "2" "R88-417-1060-1065    "    0.009
"08450027" "D" "2" "R88-417-1065-1070    "    0.011
"08450028" "D" "2" "R88-417-1070-1075    "    0.005
"08450029" "D" "2" "R88-417-1075-1080    "    0.020
"08450030" "D" "2" "R88-417-1080-1085    "    0.015
"08450031" "D" "2" "R88-417-1085-1090    "    0.011
"08450034" "D" "2" "R88-417-1090-1095    "    0.006
"08450035" "D" "2" "R88-417-1095-1100    "    0.005
"08450036" "D" "2" "R88-417-1100-1105    "    0.009
"08450037" "D" "2" "R88-417-1105-1110    "    0.099
"08450038" "D" "2" "R88-417-1110-1115    "    0.048
"08450039" "D" "2" "R88-417-1115-1120    "    0.026
"08450040" "D" "2" "R88-417-1120-1125    "    0.012
"08450041" "D" "2" "R88-417-1125-1130    "    0.130
"08450042" "D" "2" "R88-417-1130-1135    "    0.008
"08450043" "D" "2" "R88-417-1135-1140    "    0.023
"08450044" "D" "2" "R88-417-1140-1145    "    0.038
"08450045" "D" "2" "R88-417-1145-1150    "    0.007
"08450046" "D" "2" "R88-417-1150-1155    "    0.008
"08450047" "D" "2" "R88-417-1155-1160    "    0.006
```

960-980

20'@ .023

1005-1015

10'@ .030

1105-1145

40'@ .048

"08450048"	"D"	"2"	"R88-417-1160-1165	"	0.006
"08450049"	"D"	"2"	"R88-417-1165-1170	"	0.011
"08450050"	"D"	"2"	"R88-417-1170-1175	"	0.026
"08450051"	"D"	"2"	"R88-417-1175-1180	"	0.020
"08450052"	"D"	"2"	"R88-417-1180-1185	"	0.023
"08450053"	"D"	"2"	"R88-417-1185-1190	"	0.012
"08450054"	"D"	"2"	"R88-417-1190-1195	"	0.009
"08450055"	"D"	"2"	"R88-417-1195-1200	"	0.015
"08450056"	"D"	"2"	"R88-417-1200-1205	"	0.030
"08450059"	"D"	"2"	"R88-417-1205-1210	"	0.080
"08450060"	"D"	"2"	"R88-417-1210-1215	"	0.023
"08450061"	"D"	"2"	"R88-417-1215-1220	"	0.029
"08450062"	"D"	"2"	"R88-417-1220-1225	"	0.011
"08450063"	"D"	"2"	"R88-417-1225-1230	"	0.024
"08450064"	"D"	"2"	"R88-417-1230-1235	"	0.055
"08450065"	"D"	"2"	"R88-417-1235-1240	"	0.015
"08450066"	"D"	"2"	"R88-417-1240-1245	"	0.022

"END"

1170-1185
15' @ .023

1200-1350

150' @ .064

```
"TITLE 16-09-88 10:42:07 098-0846   J. BARRON              25/08/88"
"CLIENT BROHM MINING CORP.                                   "
"PROJECT GILT EDGE        #SAMPLES:   21 REFERENCE: NONE LISTED                    "
"SPECIAL VALUES"
"  IS Insufficient Sample"
"  -9 No Value Recorded"
" Values above the upper limit are shown as  +uplimt"
" Values below the lower limit are shown as  -lolmt   (ie not detected)"
"DETERMINATIONS"
"     ELNAME METHO ECO UNI #SAM LOLMT UPLIMT COMMENTS"
"  01 Au     FA         OPT   21 0.002 99.999 Results Reported     "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=D       DRILL CORE          "
"  41 P17=  21            Assay Prep          "
"  42 P64= 275            Excessive Wetness   "
"  43 P23=   1            Sample Pickup       "
"REMARKS"
"  50 FINAL RESULTS ARE REPORTED.                    "
"*****"
"FORMAT (A8,1X,A1,A1,1X,A20,1(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "     Au"
"08460001" "D" "2" "R88-417-1245-1250   "    0.015
"08460002" "D" "2" "R88-417-1250-1255   "    0.020
"08460003" "D" "2" "R88-417-1255-1260   "    0.017
"08460004" "D" "2" "R88-417-1260-1265   "    0.010
"08460005" "D" "2" "R88-417-1265-1270   "    0.024
"08460006" "D" "2" "R88-417-1270-1275   "    0.008
"08460007" "D" "2" "R88-417-1275-1280   "    0.007
"08460010" "D" "2" "R88-417-1280-1285   "    0.088
"08460011" "D" "2" "R88-417-1285-1290   "    0.090
"08460012" "D" "2" "R88-417-1290-1295   "    0.089
"08460013" "D" "2" "R88-417-1295-1300   "    0.044
"08460014" "D" "2" "R88-417-1300-1305   "    0.250
"08460015" "D" "2" "R88-417-1305-1310   "    0.173
"08460016" "D" "2" "R88-417-1310-1315   "    0.162
"08460017" "D" "2" "R88-417-1315-1320   "    0.177
"08460018" "D" "2" "R88-417-1320-1325   "    0.066
"08460019" "D" "2" "R88-417-1325-1330   "    0.094
"08460020" "D" "2" "R88-417-1330-1335   "    0.036
"08460021" "D" "2" "R88-417-1335-1340   "    0.065
"08460022" "D" "2" "R88-417-1340-1345   "    0.103
"08460023" "D" "2" "R88-417-1345-1350   "    0.108
"END"
```

1200-1350
150'C
.064

Contractor: TONTO | Coordinates: SME 107 | Project: GILT EDGE | Hole No.: R88-417

Drill Type: | Casing Depth: | State: SD | Sheet 1 of 8

Hole Size: | Bearing: – | Inclination: 90° | Date Started: 8-9-88 | Property: GILT EDGE

Collar Elev.: | Final Depth: 1350' | Date Completed: 8-13-88 | Hole Surveyed:

DRILL CUTTING LOG

Logged by:

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (1 Weak, 2 Moderate, 3 Strong) 123 123 123 123 123 123 123	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	ROCK TYPE	DESCRIPTION: MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlill, Replacement)	TYPE	ASSAY Au	ASSAY Ag
			60	3	0-5		Tkp	0 – 435 TRACHYTE PORPHYRY	0-130	OXIDE		
									1-3% pyrite			
					20-25							
					45-50							
					70-75							
					95-100							
									(100-120) 2-4% pyrite tr-1% FeOx			
					120-125				(120-130) 3-5% FeOx, tr-1% pyrite			
				2					130-165	MIX		
									(135-145) 3-4% FeOx, tr-1% pyrite			
					145-150				(145-160) 5-6% FeOx, tr-2% pyrite			
				1					(160-165) tr pyrite, 1-2% FeOx			
					170-175				165-195	SULFIDE	tr-1% FeS2	

Contractor: TONTO | Coordinates: | Project: | Hole No. D88-417

Drill Type: | Casing Depth: | State: | Sheet 2 of 8

Hole Size: | Bearing: | Inclination: | Date Started: | Property:

Collar Elev.: | Final Depth: | Date Completed: | Hole Surveyed:

DRILL CUTTING LOG

Logged by:

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (1 Weak, 2 Moderate, 3 Strong)	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	ROCK TYPE	GEOLOGIC NOTES: DESCRIPTION (MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE)	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlill, Replacement)	TYPE	ASSAY Au	ASSAY Ag
			60	1	175-180		Ttp					
				2	195-200				195-260 Mix tr-1% FeS_2 2-3% jarosite			
								gray, moderate to heavy white clay alt. secondary qtz abundant. primary qtz sparse poss. QUARTZ TRACHYTE	(195-210) 95% FeOx stained and replaced FeS_2, trace FeS_2 (210-220) 1% FeS_2, 5% FeOx			
					220-225				(220-230) 95% FeOx trace FeS_2			
									(230-255) 15-20% FeOx 1% FeS_2 diss			
					245-250							
									(255-260) 95% FeOx, trace FeS_2 260-435 SULFIDE			
								(265-320) heavier wht clay alt.	(260-305) 1% FeS_2			
					270-275							
								(270-285) heavy dk green alt in frac				
					295-300							
									(305-315) 2% FeS_2 w/ silver gray sulfide (315-320) 3% FeS_2			
					320-325			(320-360) heavy wht clay alt., vuggy secondary qtz, sparse primary qtz	(320-325) 1% FeS_2 (325-435) 3-4% FeS_2			
					345-350							

Contractor: TONTO | Coordinates: Loc 1.2 | Project: GILT EDGE | Hole No.: R88-417

Drill Type: INGERSOL RAND T4W | Casing Depth: | State: SD | Sheet 3 of 8

Hole Size: | Bearing: | Inclination: -90 | Date Started: 8-9-88 | Property: GILT EDGE

Collar Elev.: | Final Depth: | Date Completed: | Hole Surveyed:

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (1 Weak, 2 Moderate, 3 Strong)	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	ROCK TYPE	GEOLOGIC NOTES: DESCRIPTION (MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE)	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veintill, Replacement)	TYPE	ASSAY Au	ASSAY Ag
			60	1			Tkp	TRACHYTE				
								<360-365' dk green alt in fractures 50% of matrix				
					370-375							
					395-400							
					420-425							
			80	3			Tqtp	435-590 QUARTZ TRACHYTE yellow matrix, moderate alt to white clay, random qtz phenos	435-550 OXIDE (435-460) 85-90% pervasive orange alt			
					445-450							
									(460-470) 5% pervasive orange FeO_x			
					470-475				(470-475) 85% pervasive orange (475-550) 10% pervasive orange FeO_x			
					495-500							
					520-525							

DRILL CUTTING LOG

Logged by:

Contractor: TONTO | Coordinates: LOC A-2 | Project: GILT EDGE | Hole No. R88-417

Drill Type: INGERSOLL RAND T4W | Casing Depth: | State: SD | Sheet 4 of 8

Hole Size: | Bearing: | Inclination: -90 | Date Started: 8-9-88 | Property: GILT EDGE

Collar Elev.: | Final Depth: | Date Completed: | Hole Surveyed:

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (1 Weak, 2 Moderate, 3 Strong)	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	ROCK TYPE	GEOLOGIC NOTES: DESCRIPTION (MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE)	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlill, Replacement) / TYPE	ASSAY Au	ASSAY Ag
			60	3			Ttp				
					545-550				(545-550) trace sulfide		
			60	1			Ttp	550- 1280 TRACHYTE (550-570) altered Ttp, matrix white clay, firm w/secondary qtz	550-570 SULFIDE 7-8 % FeS_2 medium grain diss		
				3	570-575			(570-750) greenish gray Ttp, mod. alt. matrix has greing appearance	570-590 OXIDE orange FeOx stain, trace FeS_2		
				1	595-600				590-610 SULFIDE 2% FeS_2 vug. filling		
				2	620-625				610-630 MIX 2% FeS_2 40% FeOx stained		
				1	645-650				630- SULFIDE (630-920) 1-2% FeS_2 w/fluorite		
					670-675				<675> fluorite		
					695-700			<695> magnetite 1%			

DRILL CUTTING LOG

Logged by:

Contractor: TONTO | Coordinates: Loc A-2 | Project: GILT EDGE | Hole No.: R88-417

Drill Type: INGERSOL RAND T4W | Casing Depth: | State: SD | Sheet 5 of 8

Hole Size: | Bearing: | Inclination: -90 | Date Started: 8-9-88 | Property: GILT EDGE

Collar Elev.: | Final Depth: | Date Completed: | Hole Surveyed:

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (1 Weak, 2 Moderate, 3 Strong) 1 2 3	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	ROCK TYPE	GEOLOGIC NOTES: DESCRIPTION (MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE)	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinfill, Replacement)	TYPE	ASSAY Au	ASSAY Ag
			60	1			Ttp					
									1-2 % diss			
					720-725							
					745-750							
								(750-800) dk gray Ttp				
					770-775			(770-780) apple green alt of feldspar phenos				
					795-800							
								(800-895) gray Ttp w/5% apple green alt				
					820-825							
					845-850							
					870-875							

DRILL CUTTING LOG

Logged by:

Contractor: TOLTO
Drill Type: INGERSOL RAND T4W
Hole Size:
Collar Elev.:
Coordinates: LOCA-2
Casing Depth:
Bearing: Inclination: -90
Final Depth:
Project: GILT EDGE
State: SD
Date Started: 8-9-88
Date Completed:
Hole No.: R88-417
Sheet 6 of 8
Property: GILT EDGE
Hole Surveyed:

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (1 Weak, 2 Moderate, 3 Strong)	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	GEOLOGIC NOTES: ROCK TYPE	DESCRIPTION: MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlill, Replacement)	TYPE	ASSAY Au	ASSAY Ag
			60	1				Tkp				
					895-900			(895-1030) pale gray				
					920-925				(920-940) 4% FeS2			
									(940-1020) 1-2% FeS2			
					945-950							
					970-975							
								<fluorite>				
					995-1000							
					1020-1025			<quartz veining>	(1020-1030) 2-4% FeS2			
								(1030-) dark gray matrix	(1030-1195) 1-2% FeS2			
					1045-1050							

DRILL CUTTING LOG

Logged by:

Contractor TONTO | Coordinates | Project | Hole No. RBB-417

Drill Type | Casing Depth | State | Sheet 7 of 8

Hole Size | Bearing | Inclination -90 | Date Started | Property

Collar Elev. | Final Depth | Date Completed | Hole Surveyed

DRILL CUTTING LOG

Logged by:

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (1 Weak, 2 Moderate, 3 Strong) 1 2 3 / 1 2 3 / 1 2 3 / 1 2 3 / 1 2 3 / 1 2 3 / 1 2 3	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	ROCK TYPE	GEOLOGIC NOTES: DESCRIPTION (MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE)	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlill, Replacement)	TYPE	ASSAY Au	ASSAY Ag
			60	1	1060-1065		Trp					
					1070-1075							
					1095-1100							
					1120-1125							
								(1140-1280') matrix de grano, 1-2% PK sulf.				
					1145-1150							
					1170-1175							
					1195-1200				(1195-1205) 3-4% [illegible]			
									(1205-1270) 1-2% [illegible]			
					1220-1225				(1220-1240) 3-4% [illegible]			

Contractor _____ Coordinates _____ Project _____ Hole No. RB-117

Drill Type _____ Casing Depth _____ State _____ Sheet 8 of 8

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (1 Weak, 2 Moderate, 3 Strong)	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	GEOLOGIC NOTES: ROCK TYPE	DESCRIPTION: MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinfill, Replacement) / TYPE	ASSAY Au	ASSAY Ag
			60		1225-1230		Tep				
					1245-1250						
					1270-1275						
									(1275 – 1290) 1-3% FeS2 disse		
			80				Tqtp	1280 – 1350 QUARTZ TRACHYTE PORPHYRY (5-10% Tep)			
									(1290 – 1315) 3-5% FeS2 disse leaves veins		
					1295-1300						
									(1315 – 1325) 5-7% FeS2 leaves		
					1320-1325			(1320 – 1340) 30-40% Tep			
									(1325 – 1350) 3-5% FeS2 leaves veins		
					1345-1350			(1345-1350) 5-10% Tep			
							Hole TD @ 1350	400 = 28.75 gpm			

DRILL CUTTING LOG

Logged by: _____